

Illinois Endangered Species Protection Board process and form for requesting approval of an Illinois Endangered or Threatened Species Recovery Plan

Approved at the 166th meeting, May 15, 2015

1. Introduction

- A. It is the Illinois Endangered Species Protection Board's (ESPB/Board) authority to determine whether, based on scientific evidence, animal and plant species are Illinois endangered or threatened. The Board is required to review and revise the Illinois List of Endangered and Threatened Species (Illinois List) as warranted, but no less often than every five years. Relative to this authority and duty, Illinois Endangered and Threatened Species Recovery Plans (Illinois E&T Recovery Plans) require Board approval. Other parties may elect to develop recovery plans without Board approval; however, in conducting any of its business, the Board may not consider described recovery activities and status review measures contained in plans other than those approved by the Board.
- B. The ESPB develops and works with other agencies and organizations in developing and implementing, Illinois E&T Recovery Plans. The Illinois Department of Natural Resources (IDNR) and Illinois Nature Preserves Commission (INPC) are primary partners and the ESPB also works with federal and county agencies and non-governmental organizations.
- C. This process and form are intended to provide a standardized, transparent, and equally open access means for anyone to request ESPB approval of an Illinois E&T Recovery Plan.
- D. Illinois E&T Recovery Plans should provide adequate scientific evidence about species biology, historical and current status and distribution, threats, proposed conservation and recovery strategies, and proposed status review triggers, to guide implementation and review of prescribed actions and review of the statewide population status. ESPB approval of an Illinois E&T Recovery Plan does not commit resources toward implementation or status review by any agency or organization; implementation and review will be dependent upon resource availability of respective agencies or organizations.
- E. Recommended recovery strategies should include appropriate, reasonable, and measurable actions necessary to conserve and recover and evaluate the statewide population, including, but not limited to: population surveys and monitoring; filling information gaps; habitat management and protection; demographic assessment including reproduction, recruitment, and genetics; and, based upon the results of the reproduction and genetic analysis, may include necessary population manipulation such as augmentation, translocation, or establishment. Any prescribed translocation

activities should be designed compliant with the [ESPB Endangered and Threatened Animal Translocation Policy](#) or the [INPC, ESPB, and IDNR Illinois Plant Translocation and Restoration Policy](#); because the plant policy does not address evaluating and demonstrating no harm to receiving habitats and their native flora and fauna populations, plant translocation prescriptions should also speak to those elements.

- F. Proposed status review measures should be developed relative to the status and distribution of the species at the time of original listing, definitions of “endangered” and “threatened”, protection status of sites, and wild sub-population and statewide population viability. Achieving the status review trigger levels of population size, persistence/viability, and distribution proposed in an ESPB approved Illinois E&T Recovery Plan shall not prompt an “automatic” change in the listed status of the species in Illinois.
- G. Securing necessary permits and authorizations, including but not limited to, those for activities involving Illinois Endangered or Threatened Species, IDNR owned and managed properties, and Illinois Nature Preserve System properties is the responsibility of the individuals performing respective activities. An Illinois E&T Recovery Plan approved by the ESPB may be submitted as supporting documentation when seeking respective permits, but an ESPB approved Illinois E&T Recovery Plan does not serve as a permit or authorization for any activities.

2. THE PROCESS

- A. A proposed Illinois E&T Recovery Plan should be prepared using the attached form and include copies of all references (see 3C, below).
- B. Proposed Illinois E&T Recovery Plans developed by ESPB staff and/or members will go to the Board for preliminary approval as an agenda item at an ESPB meeting open to the public.
- C. Proposed Illinois E&T Recovery Plans developed by others should be approved by their agency or organization before coming to the ESPB for preliminary approval as an agenda item at an ESPB meeting open to the public.

Request for ESPB preliminary approval as an agenda item at an ESPB meeting open to the public

- D. A request to address the Board as an agenda item at any Board meeting open to the public and all supporting documentation (a completed form and copies of all attachments, see 3C, below) need to be received by Board staff at least 30 days prior to the meeting date (a schedule of regular Board meeting is accessible on the [ESPB website](#) and contact Board staff at ; dnr.espb@illinois.gov - please indicate “Agenda item request

for Preliminary Approval of an Illinois Common Name (Scientific Name) Recovery Plan” in the subject line of the email -or at Illinois Endangered Species Protection Board; One Natural Resources Way; Springfield, IL 62702-1271). Board staff will advise the Chair of the request, and when the Chair approves an agenda for the meeting, Board staff will follow-up with the requester to let them know whether or not the requested item has been added to the agenda. If the requested item has not been added for the next meeting, the requester will be provided an explanation and direction for resubmitting their request for a subsequent meeting and for alternate means of addressing the Board.

During consideration for ESPB preliminary approval, the Board may:

- 1) Determine the proposed Illinois E&T Recovery Plan promotes the conservation and recovery of the species relative to respective laws and regulations and provides adequate scientific evidence to guide implementation and review of prescribed actions and review of the statewide population status and give preliminary approval either as presented or pending incorporation of ESPB recommended changes.
- 2) Determine the proposed Illinois E&T Recovery Plan is insufficient for preliminary ESPB approval and identify issues, information gaps, and edits that need to be addressed prior to ESPB reconsideration for preliminary approval.
- 3) Determine the proposed Illinois E&T Recovery Plan does not promote the conservation and recovery of the species relative to respective laws and regulations and not give preliminary approval.

Request for ESPB final approval as an agenda item at an ESPB meeting open to the public

- E. A proposed Illinois E&T Recovery Plan that has received ESPB preliminary approval and has had ESPB recommended changes incorporated, as appropriate, may be presented to the ESPB for final approval as an agenda item at an ESPB meeting open to the public.
- F. A request to address the Board as an agenda item at any Board meeting open to the public and all supporting documentation (a completed form and copies of all attachments, see 3C, below) need to be received by Board staff at least 30 days prior to the meeting date (a schedule of regular Board meeting is accessible on the [ESPB website](#) and contact Board staff at ; dnr.espb@illinois.gov - please indicate “*Agenda item request for Final Approval of an Illinois Common Name (Scientific Name) Recovery Plan*” in the subject line of the email - or at Illinois Endangered Species Protection Board; One Natural Resources Way; Springfield, IL 62702-1271). Board staff will advise the Chair of the request, and when the Chair approves an agenda for the meeting, Board staff will follow-up with the requester to let them know whether or not the requested item has been added to the agenda. If the requested item has not been added for the next

meeting, the requester will be provided an explanation and direction for resubmitting their request for a subsequent meeting and for alternate means of addressing the Board.

During consideration for ESPB final approval, the Board may:

- 4) Determine the proposed Illinois E&T Recovery Plan promotes the conservation and recovery of the species relative to respective laws and regulations and provides adequate scientific evidence to guide implementation and review of prescribed actions and review of the statewide population status and give final approval of the plan and for ESPB Chair signature, as presented.
- 5) Determine the proposed Illinois E&T Recovery Plan is insufficient for final ESPB approval and identify issues, information gaps, and edits that need to be addressed prior to ESPB reconsideration for final approval.

Illinois E&T Recovery Plans approved as final by the Board and with ESPB Chair signature will be posted to the ESPB website. Plan implementation, review, and updates/revisions will be according to the schedules defined in each plan.

3. COMPLETING AND SUBMITTING THE FORM AND ATTACHMENTS

- A. Do not remove any parts of this document.
- B. Fill-in all sections to the best of your ability with available information. Rather than leaving a section blank, please indicate “Don’t have information”, “Don’t know”, and/or “Not Applicable”, if appropriate. Add figures and additional tables as appropriate; see [previously ESPB approved recovery planning documents](#) posted to the Board’s website for examples.
- C. The Board requires Natural Heritage (Biotics) Database occurrence data as evidence necessary for conducting Board business. The Board may also consult information already in our files for a subject species but will only conduct additional research as time and resources allow when evaluating whether a proposed Illinois E&T Recovery Plan presents sufficient information. Therefore, to ensure that the Board will consider any supporting documentation referenced, the petitioner should provide either electronic or hard copies of any supporting materials cited in the proposed plan in their entirety (including correspondence relative to “personal communication” citations), or complete relevant sections of broader volumes, or valid links to public websites where the cited materials can be accessed; these materials should be in English. If copies or links are not provided, the Board may at our option contact the submitter to obtain supporting documentation. However, if the submitter has not provided the supporting documentation, and it is not otherwise readily available in our files, the Board will be unable to consider this information in making our determination. In addition, the Board

requests that literature citations are specific enough to allow us to easily locate within the documentation the particular information cited in the petition, including page numbers and chapters, as applicable.

- D. Questions about completing the form can be directed to Anne Mankowski, ESPB Director, at ; dnr.espb@illinois.gov or 217-785-8687. ESPB staff may assist by answering questions or providing explanation, but will not be responsible for providing data or other information (or copies of such) necessary to complete the form.
- E. A proposed Illinois E&T Recovery Plan (a completed form and copies of all attachments, see 3C, above) can be submitted for agenda item request as described above in 2. D. and 2. F.

4. THE FORM

Contents:

Title

Date

List of authors and affiliations and affiliations' approval information

New plan or update/revision to an existing plan information?

Listing status and NatureServe rank information

 Illinois

 Federal

 Other states

Regulatory protection information

North American range

Illinois distribution

Species, genetic, biology, and habitat information

Reasons for status

Threats

Recovery objective

 Status review triggers

 Recommended recovery strategies

Recovery plan review & revision

Estimated timing of strategies

Estimated cost of strategies

ESPB final approval – ESPB chair signature block

List of references

List of attachments

1. **Title:** Proposed Recovery Plan for the Illinois *Endangered /Threatened Common Name (Scientific Name)*

2. **Date:**

3. **List of author(s) and affiliation(s):**

3.1. **Name:**

3.2. **Address:**

3.3. **Phone number:**

3.4. **Email address:**

3.5. **Job title:**

3.6. **Agency/Institution/Organization affiliation:**

3.7. **Name and contact information for individual(s) authorized to approve this document on behalf of the respective agency/institution/organization** (include copy of approval documentation as an attachment):

4. **Is this a new Illinois Endangered or Threatened Species Recovery Plan or an update or revision to an existing document?**

4.1. **New recovery plan proposed for ESPB preliminary approval** _____

4.2. **New recovery plan proposed for ESPB final approval** _____

Date and ESPB meeting number when preliminary approval was given:

4.3. **Update or revision to an existing plan** _____

Date and ESPB meeting number when original plan received final ESPB approval:

Which parts of the outline are being updated in this current version?

5. **Listing status and NatureServe rank information** (add figures and tables, as appropriate; see [previously ESPB approved recovery planning documents](#) posted to the Board's website for examples.)

5.1. Past and current Illinois listing status:

Refer to [Appendix K](#) of [*The Illinois Endangered Species Protection Act at 40: A Review of the Act's Provisions and the Illinois List of Endangered and Threatened Species*](#) accessible on the Board's website to fill-in the following items.

5.1.1. Date species was initially Illinois listed:

5.1.2. Illinois listing status of species at initial listing:

5.1.3. Primary reason(s) for initial Illinois listing:

5.1.4. Dates of and Illinois listing status changes since initial listing:

5.1.5. Current Illinois listing status:

Refer to the current *Illinois List of Endangered and Threatened Species* accessible on the [ESPB website](#) to fill-in the following item.

Illinois Endangered _____

Illinois Threatened _____

Date website information accessed:

5.2. Current Federal listing status:

Refer to the USFWS website at <http://www.fws.gov/endangered/> and query by species name to fill-in the following items.

Federally Endangered _____

Federally Threatened _____

Not Federally Listed _____

Date website information accessed:

5.3. Current NatureServe ranks:

Refer to the [NatureServe Explorer webpage](#) and query by species name to fill-in the following items. Add figures and tables, as appropriate; see [previously ESPB approved recovery planning documents](#) posted to the Board's website for examples.

NatureServe rank notes: X = presumed extirpated; H = possibly extirpated; 1 = critically imperiled; 2 = imperiled; 3 = vulnerable; 4 = apparently secure; 5 = secure; U = unranked [due to lack of information or substantially conflicting information]; NR = not ranked/under review.

Global Rank:

National Rank:

State Ranks:

Date website information accessed:

6. Information on regulatory protections currently in place that may or may not protect the species or its habitat:

Illinois regulatory protections:

Federal regulatory protections:

7. North American range:

Add figures and additional tables, as appropriate; see [previously ESPB approved recovery planning documents](#) posted to the Board's website for examples.

8. Illinois Distribution:

Where indicated by * , information should be Element Occurrence data from the Illinois Natural Heritage (Biotics) Database (Database). If you are using data that is not in the Database, the Board requires that it be submitted to, accepted by, and entered in to the Database prior to the Board accepting it as evidence necessary for approving a recovery plan. If acceptance by and entry into the Database is pending at the time the Board reviews the proposed recovery plan, the Board may not accept the data as part of the proposed plan. In submitting data to the Database, please refer to the form at the following link for [how to report the occurrence of a listed species](#) – data may be submitted in another format, such as excel spreadsheet, as long as the necessary elements are addressed. To request data from the Database, contact Tara Kieninger, Illinois Natural Heritage (Biotics) Database Manager at tara.kieninger@illinois.gov and indicate your request is for the same Database report used for preparing an ESPB petition form for changing the listed status of a species on the Illinois List. Add figures and additional tables, as appropriate; see [previously ESPB approved recovery planning documents](#) posted to the Board's website for examples.

8.1. Counties with historic occurrence w/ no Element Occurrences established due to imprecise location information (refer to respective *Endangered and Threatened Species of Illinois: Status and Distribution* volumes accessible on the Board's website under "[Publications](#)" to fill-in a list of counties.)

List of counties:

8.2. Past and present Illinois status and distribution Natural Heritage (Biotics) Database Data - *:

Date Illinois Natural Heritage (Biotics) Database data was accessed:

(A copy of the Database reports you receive must be submitted as an attachment.)

Past Element Occurrence Data - *

(use Database report with filename "*genus species past DDMMYY.pdf*" to fill-in this table)

Date of first observation	Date initially listed	Date of first mapped EO	# of EOs mapped w/in 2 years of first mapped EO	# of EOs mapped w/in 2 years of first mapped EO that were also protected as Nature Preserves	# of topo quads captured by distb of EOs mapped w/in 2 years of first mapped EO	# of Counties captured by distb of EOs mapped w/in 2 years of first mapped EO	# of HUC8 Watersheds captured by distb of EOs mapped w/in 2 years of first mapped EO

Present Element Occurrence information - *

(use Database report with filename "*genus species present DDMMYY.pdf*" to fill-in this table)

Last Date of Observation at any EO	Total # of EOs	Total EOs with obs in 2 most recent 5-year intervals	# of EOs protected as Nature Preserves	# of topo quads captured by distb of total EOs	# of Counties captured by distb of total EOs	# of HUC8 Watersheds captured by distb of total EOs	# of Counties with EO obs in 2 most recent 5-year intervals	# of HUC8 Watersheds with EO obs in 2 most recent 5-year intervals

Number of Element Occurrences with observations and surveyed with no observation in each 5-year interval - *

(use Database report with filename “*genus species eodata DDMMYY.pdf*” to tally observations in each interval to fill-in this table; note: some EOs have multiple sites, an observation at any individual site constitutes an observation for the EO)

	1982-1986	1987-1991	1992-1996	1997-2001	2002-2006	2007-2011	2012 - 2016
# of EOs with obs							
# of EOs surveyed w/ no obs							
# of Counties with obs							
# of HUC8 Watersheds with obs							

For each Element Occurrence fill in the following information - *

(use Database report with filename “*genus species eodata DDMMYY.pdf*” to fill-in this table; note: some EOs have multiple sites, an observation at any individual site constitutes an observation for the EO; add rows as necessary)

EO #	County	Protected as a Nature Preserve?	Date of most recent obs	Survey count of most recent obs	Dates of surveys with no obs

8.3. Element Occurrences (EOs) otherwise protected in (list EOs by site name):

Illinois Land and Water Reserves:

Other properties owned/managed by the State:

Properties owned/managed by Federal or local Government:

Illinois past and present county distribution

(EO = Element Occurrence; ^ = indicate counties entered above in Section 8.1 "Counties with historic occurrence w/ no Element Occurrences established due to imprecise location information"; * = use Illinois Natural Heritage (Biotics) Database information)

	Historic occurrence (with no EO) ^	# of EOs * with historic obs	# of EOs * w/ recent (w/in last 10 years) obs
County Name			
County Name			
County Name			
County Name			
County Name			
County Name			
Etc.			

9. Species, genetic, biology, and habitat information :

9.1. Species description:

9.2. Genetic description:

9.3. Biology description:

9.4. Habitat requirements:

10. Reasons for status:

Refer to information filled in above for Section 5.1.3 "Primary reason(s) for initial Illinois listing" and include additional relevant information.

11. Threats information:

11.1. Habitat amount, size, and distribution:

11.2. Habitat condition, disturbance, and destruction:

11.3. Habitat management:

11.4. Population size, reproduction, recruitment:

11.5. Genetic fitness:

11.6. Disease and parasites:

11.7. Contaminants:

12. Recovery objective:

The objective of this plan is to describe actions necessary to achieve recovery of the subject species. The approach identifies status review triggers for ESPB consideration of respective changes in listed status and recommended recovery strategies necessary to achieve the triggers.

12.1. Status review triggers:

The ESPB is required by law to review and revise the Illinois List of Endangered and Threatened Species (Illinois List) as warranted, but no less often than every five years. Proposed measures of population size, persistence/viability, and distribution, as documented by Element Occurrence (EO) data in the Illinois Natural Heritage (Biotics) Database, will be used to trigger a detailed review of the species' status by the ESPB. Achieving trigger thresholds proposed in this document shall not prompt an "automatic" change in the listed status of the species in Illinois, and the ESPB may review the status or status review criteria of the species at any time. Other factors, including known threats, productivity, and extent and condition of protected habitat, should be considered with population size and distribution data to judge whether a change in status is warranted.

Definitions of "endangered" and "threatened" under the Illinois Endangered Species Protection Act.

Endangered in Illinois – in danger of extinction in the wild in Illinois due to one or more causes including but not limited to, the destruction, diminution or disturbance of habitat, overexploitation, predation, pollution, disease, or other natural or manmade factors affecting its prospects of survival.

Threatened in Illinois – likely to become endangered in the wild in Illinois within the foreseeable future.

Status review triggers:

Proposed measures should be developed relative to (1) the status and distribution of the species at the time of original listing, (2) definitions of “endangered” and “threatened”, (3) protection status and condition of sites/habitat (EOs), and (4) wild sub-population (EO) and statewide population viability. For EOs that have undergone population manipulation, the measures should explain criteria for determining that they have been liberated from population interventions for a number of years relative to the biology of the subject species so that they can be considered “wild” and self-sustaining.

ESPB review for endangered status –

ESPB review for threatened status –

ESPB review for removal from the IL List as recovered –

12.2. Recovery strategies:

Recommended recovery strategies should include appropriate and reasonable actions necessary to conserve and recover and evaluate the statewide population, including, but not limited to: population surveys and monitoring; filling information gaps; habitat management and protection; demographic assessment including reproduction, recruitment, and genetics; and, based upon the results of the reproduction and genetic analysis, may include population manipulation such as augmentation, translocation, or establishment.

Any translocation activities prescribed should be designed and conducted compliant with the [ESPB Endangered and Threatened Animal Translocation Policy](#) or the [INPC, ESPB, and IDNR Illinois Plant Translocation and Restoration Policy](#); because the plant policy does not address evaluating and demonstrating no harm to receiving habitats and their native flora and fauna populations, plant translocation prescriptions should also speak to those elements. Translocation prescriptions should include a schedule of review to evaluate the success or failure of individual translocations, the need for prescription adjustments, and whether they should be continued. Translocations will need to be consistent with the aforementioned guidelines and demonstrated as successful and liberated from population manipulation as described above in the Listing Status Review Triggers before they will be considered “wild” and self-sustaining occurrences in the statewide population.

Securing necessary permits and authorizations, including but not limited to, those for activities involving Illinois Endangered or Threatened Species, IDNR owned and managed properties, and Illinois Nature Preserve System properties is the responsibility of the individuals performing respective activities. A recovery plan approved by the ESPB may be submitted as supporting documentation when seeking respective permits, but an approved recovery plan does not serve as a permit or authorization for any activities.

12.2.1. Population surveys and monitoring:

Activities to date:

Activities prescribed:

Outcome monitoring and reporting prescription for prescribed activities:

12.2.2. Filling information gaps:

Activities to date:

Outcomes of activities to date:

Activities prescribed:

Outcome monitoring and reporting prescription for prescribed activities:

12.2.3. Habitat management:

Activities to date:

Outcomes of activities to date:

Activities prescribed:

Known and potential effects upon other species, habitats, or programs from prescribed activities:

Outcome monitoring and reporting prescription for prescribed activities:

12.2.4. Habitat protection:

Activities to date:

Outcomes of activities to date:

Activities prescribed:

Known and potential effects upon other species, habitats, or programs from prescribed activities:

Outcome monitoring and reporting prescription for prescribed activities:

12.2.5. Genetic analysis:

Activities to date:

Outcomes of activities to date:

Activities prescribed:

Outcome monitoring and reporting prescription for prescribed activities:

12.2.6. Population manipulation:

Activities to date:

Outcomes of activities to date:

Activities prescribed:

Known and potential effects upon other species, habitats, or programs from prescribed activities:

Outcome monitoring and reporting prescription for prescribed activities:

12.2.7. Outreach and education:

Activities to date:

Outcomes of activities to date:

Activities prescribed:

Outcome monitoring and reporting prescription for prescribed activities:

12.3. Estimated timing of strategies (add years as necessary)

Year 1

Month	Strategy
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

12.4. Estimated cost of strategies (add rows as necessary)

Strategy	Estimated cost	Funding Source

13. Recovery plan review & revision:

This document will be reviewed annually in the course of an annual planning meeting by the authors and staff involved with implementation. The need for revisions may be identified at any time. All substantive revisions to this plan, including but not limited to status review triggers and recovery strategies, should be submitted for review and approval as described above in Section 2, The Process. Updated information – such as new data on distribution and abundance, research results relevant to recovery considerations, changes in taxonomy or nomenclature, and corrections to factual errors in this document – may be posted as addendums to the document without changing the original document.

Describe review and revision prescriptions beyond what is articulated above:

14. ESPB Approval:

This Illinois E&T Species Recovery Plan is approved as final by the Illinois Endangered Species Protection Board upon signature and date of the Chair of the Board.

— Signature of ESPB Chair Date

15. List of references:

16. List of attachments:

